



Substitute for form 1  
**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 2

**Complete if Known**

Application Number	09/574,461
Filing Date	May 18, 2000
First Named Inventor	Talish, et al.
Group Art Unit	3736
Examiner Name	Devaang Shah
Attorney Docket Number	41482-205541

**U.S. PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
/KF/		US- 4,476,847	10/16/84	Taenzer, et al.	
/KF/		US-5,181,512	01/26/93	Viebach, et al.	
/KF/		US-5,254,123	10/19/93	Bushéy	
/KF/		US- 5,307,284	04/26/94	Brunfeldt, et al.	
/KF/		US- 5,424,550	06/13/95	Kawano, et al.	
/KF/		US- 5,626,630	05/06/97	Markowitz, et al.	
/KF/		US-5,899,425	05/04/99	Corey Jr., et al.	
/KF/		US-6,022,349	02/08/00	McLeod, et al.	
/KF/		US-6,068,596	05/30/00	Weth, et al.	
/KF/		US-6,179,797	01/30/01	Brotz	
/KF/		US-6,261,221	07/17/01	Tepper, et al.	
/KF/		US- 6,360,027	03/19/02	Hossack, et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>3</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
	/KF/	WO 85/03449	08/15/85	Ben-Dov		
	/KF/	DE 4111055 A1	10/10/91	Ronge jun.		
	/KF/	DE 29811185 U1	10/01/98	Rhee		
	/KF/	WO 00/03663*	01/27/00	Hagenmeyer		
	/KF/	AU 19950292	02/07/00	Hagenmeyer		
	/KF/	WO 00/76406	12/21/00	Winder et al.		

\*For English version see related Australian Application No. 19950292

Examiner  
Signature

/Katherine Fernandez/

Date  
Considered

07/23/2007

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04.

<sup>3</sup> Enter Office that issued the document; by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of.

Substitute for form 1448A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 2

of

2

**Complete if Known**

Application Number	09/574,461
Filing Date	May 18, 2000
First Named Inventor	Talish et al.
Group Art Unit	3736
Examiner Name	Devaang Shah
Attorney Docket Number	41482-205541

**OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
/KF/		Pethica, B.A., et al., Abstract, Biological Repair and Growth Society, June 1998.	
/KF/		Goodship, et al., "Low magnitude high frequency mechanical stimulation of endochondral bone repair" 43 <sup>rd</sup> Annual Meeting Orthopaedic Research Society, vol. 22, Sec. 1, Feb. 9-13 (1997)	
/KF/		Y. Qin, et al., "Correlation of In Vivo Bone Adaptation and Mechanical Parameters Using Low Magnitude, High Frequency Loading," 41 <sup>st</sup> Annual Meeting Orthopaedic Research Soc., vol. 20 - Sec. 1, Feb. 13-16 (1995)	
/KF/		Grewe, et al., "Acoustic Properties of Particle Polymer Composite for Ultrasonic Transducer Backing Applications," IEEE, (1990)	
/KF/		Wu and Cubberly, "Measurement of Velocity and Attenuation of Shear Waves in Bovine Compact Bone Using Ultrasonic Spectroscopy," Med. & Biol., Vol. 23, No. 1, 129-134, 1997.	
/KF/		Pilla, et al., "Non-Invasive Low-Intensity Pulsed Ultrasound Accelerates Bone Healing in the Rabbit," Journal of Orthopaedic Trauma, Vol. 4, No. 3, pp. 246-253 (1990)	
/KF/		Bascom, "Other Continuous Fibers," 118/Constituent Material Form	
/KF/		Bascom, "Other Discontinuous Forms," 120/Constituent Material Forms	
/KF/		Niemczewski, B., "A Comparison of Ultrasonic Cavitation Intensity in Liquids," Ultrasonics, May 1980, pp. 107-110.	

Examiner Signature	/Katherine Fernandez/	Date Considered	07/23/2007
--------------------	-----------------------	-----------------	------------

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0851-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1996, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO		Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	09/574,481
		Filing Date	May 18, 2000
		First Named Inventor	Roger J. TALISH
		Group Art Unit	3768
		Examiner Name	Sullivan, Julianne M.
Sheet 1 of 1	Attorney Docket Number	41482/205541	

RECEIVED  
CENTRAL FAX CENTER  
JUN 21 2007

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
/KF/		US-3,575,050	04/1971	Lynnworth	
/KF/		US-4,195,517	04/1980	Kalinowski, et al.	
/KF/		US-4,467,659	08/1984	Baumel	
/KF/		US-4,557,148	12/1985	Akiyama	
/KF/		US-4,570,487	02/1986	Gruber	
/KF/		US-4,680,967	07/1987	Rosl	
/KF/		US-4,930,358	08/1990	Motegi, et al.	
/KF/		US-5,164,189	10/1992	Oberlander	
/KF/		US-5,280,728	01/1994	Sato, et al.	
/KF/		US-5,702,389	12/30/1997	Taylor, et al.	
/KF/		US-5,843,741	12/1998	Wong, et al.	
/KF/		US-5,856,622	01/1999	Yamamoto, et al.	
/KF/		US-5,896,580	05/1999	Kline, Schoder, et al.	
/KF/		US-5,954,675	09/1999	Dellagatta	
/KF/		US-6,028,088	02/2000	Unger	
/KF/		US-6,068,350	05/2000	Hill, et al.	
/KF/		US-6,105,431	08/2000	Duffill, et al.	
/KF/		US-6,284,650	07/2001	Hovda, et al.	
/KF/		US-6,397,883 B1	08/04/2003	Hagenmeyer, et al.	
/KF/		US-2006/0108424	05/18/2006	Bachem	
/KF/		US-7,108,683	09/19/2006	Talish	
/KF/		US-7,211,050	05/01/2007	Talish	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>4</sup>
		Country Code <sup>3</sup> - Number <sup>2</sup> - Kind Code <sup>3</sup> (if known)				
	/KF/	EP 0 425 765 A1	05/08/1991	Fraunhofer- Gesellschaft		Abstr
Examiner Signature	/Katherine Fernandez/		Date Considered	07/23/2007		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

JUL 05 2007

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

**Complete if Known**

Application Number	09/574,461
Filing Date	May 18, 2000
First Named Inventor	Roger J. TALISH
Group Art Unit	3768
Examiner Name	Sullivan, Julianne M.
Attorney Docket Number	41482/205541

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Paragraphs or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
/KF/	/KF/	US-4,482,942	11/13/1984	Blaisdell, et al.	
/KF/	/KF/	US-4,857,543	04/14/1987	Langer, et al.	
/KF/	/KF/	US-4,920,966	05/01/1990	Hon, et al.	
/KF/	/KF/	US-4,984,462	01/16/1991	Hass, Jr., et al.	
/KF/	/KF/	US-5,394,877	03/07/1995	Orr, et al.	
/KF/	/KF/	US-5,644,093	07/01/1997	Wright, et al.	
/KF/	/KF/	US-6,048,323	04/11/2000	Hon	
/KF/	/KF/	US-6,234,990 B1	05/22/2001	Rowe, et al.	
/KF/	/KF/	US-2002/0066871 A1	06/06/2002	Mendlein, et al.	
/KF/	/KF/	US-2002/0115980 A1	08/22/2002	Redding, Jr.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Paragraphs or Relevant Figures Appear	T <sup>3</sup>
		Country Code <sup>4</sup> - Number <sup>5</sup> - Kind Code <sup>6</sup> (if known)				
/KF/	/KF/	WO 98/29036	07/09/1998	Diagnostic Ultrasound Corp.		

Examiner Signature	/Katherine Fernandez/	Date Considered	07/23/2007
--------------------	-----------------------	-----------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.